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	Application No.	Applicant(s)	
	09/746,716	GRUBE ET AL.	
Notice of Allowability	Examiner	Art Unit	
	Neil Abrams	2839	
The MAILING DATE of this communication app All claims being allowable, PROSECUTION ON THE MERITS In therewith (or previously mailed), a Notice of Allowance (PTOL-8) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT In the office or upon petition by the applicant. See 37 CFR 1.3	S (OR REMAINS) CLOSED in the 5) or other appropriate communi RIGHTS. This application is sub	nis application. If not included cation will be mailed in due cou	urse. THIS
1. 🔀 This communication is responsive to <u>papers filed 12-16-2</u>	<u> 2005</u> .		
2. The allowed claim(s) is/are /-//, 13-14, 17-22	,30-33,35-51,61-	64,66-73,81-8	<i>'</i> 5
3. Acknowledgment is made of a claim for foreign priority a) All b) Some* c) None of the: 1. Certified copies of the priority documents had 2. Certified copies of the priority documents had 3. Copies of the certified copies of the priority documents had 1. Copies of the certified copies of the priority of International Bureau (PCT Rule 17.2(a)). * Certified copies not received: Applicant has THREE MONTHS FROM THE "MAILING DATE noted below. Failure to timely comply will result in ABANDON THIS THREE-MONTH PERIOD IS NOT EXTENDABLE. 4. A SUBSTITUTE OATH OR DECLARATION must be sub INFORMAL PATENT APPLICATION (PTO-152) which gifts including changes required by the Notice of Draftsperior (a) Including changes required by the Notice of Draftsperior (b) Including changes required by the attached Examine Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR each sheet. Replacement sheet(s) should be labeled as such in	ve been received. ve been received in Application I documents have been received in a locuments have been received in a locuments have been received in a locument of this application. In the communication to file a locument of this application. In the locument of the	No In this national stage application reply complying with the requirement of the requirement of the Office action of the base application is deficient.	rements
6. DEPOSIT OF and/or INFORMATION about the department attached Examiner's comment regarding REQUIREMEN	posit of BIOLOGICAL MATER	RIAL must be submitted. Not	e the
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Attachment(s) 1. ☐ Notice of References Cited (PTO-892)	5. ☐ Notice of Info	rmal Patent Application (PTO-	152)
2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948	6. Naterview Sum	mary (PTO-413),	
3. ☐ Information Disclosure Statements (PTO-1449 or PTO/SE	Paper No./M	ail Date nendment/Comment	·
Paper No./Mail Date			
 Examiner's Comment Regarding Requirement for Deposition of Biological Material 	t , 8. ∐ Examiner's St 9.	atement of Reasons for Allowa	ince
•	·	NÉIL ÁBRAMS EXAMINER	G COMVZ_
		ART UNIT 322	;

Application/Control Number: 09/746,716

Art Unit: 2839

EXAMINER'S AMENDMENT

An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with Mr. Burraston on Jan 9 2006.

Claim 1, line 10, after "a contact element", --- that is--- has been added.

This change is made in order that claim 1 more clearly require that "the same contact element be joined to a plurality of the columns", in accordance with arguments presented.

The following is an examiner's statement of reasons for allowance: None of the references of record disclose or suggest a contact structure with a "plurality of columns used to support a single contact element or beam", together with other limitations as required by claims 1, 33 and 35. For claim 22 term "wire" as understood in the art see Beaman 551 wires 15, defines unobviously over a feature such as the White bump pad 16 or the Faraci posts 170,180

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

The terminal disclaimer submitted with the last response has been approved.

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Any inquiry concerning this communication should be directed to Neil Abrams at telephone number 571-272-2089.

NEIL ABRAMS
EXAMINER
ART UNIT 322